Teacher Notes – THE PUBLISHING COMPANY PART B

Scenario

You have been asked to create a database for the East Berkshire Publishing Company. Currently all records are stored on a spreadsheet.

The Company would like to be able to store and report data on how their books are published. The database will record information about:

- Authors
- Titles
- Editions

An edition is the actual physical copy of a book, which includes the type of book, publication date, edition number, number of copies sold and price.

The book type can be hardback, paperback or audio. The company wants the flexibility to add new book types at a later date.

There must always be at least one edition of a book sold.

If an edition sells between 2000 – 4999 copies it is bronze, 5000 – 10,000 it is silver and over 10,000 it is gold.

When a first print run is sold out (EditionNumber = 1), a second print run is done and these books are EditionNumber = 2.

Books cannot be published before 01/07/2020.

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General Information

The activities presented here follow the style of the new 5 hour format for the Unit 2 NEA from Pearson.

This NEA style was created in a direct response to the instances of mass cheating and plagiarism that occurred under the old-style assessment where students had 10 hours to work on a single database. What happened was that students would go online to various forums and share the question paper or the answers.

To respond to this, Pearson has cut down the NEA to 5 hours.

In Part A students are required to build a database and create some simple queries and reports and carry out testing.

In Part B, students are **GIVEN** a brand new database and are required to create forms for this.

The days and times of the exams are set by Pearson and are no longer at the institution's discretion.

The idea is that is it now impossible for students to share answers online. The downside is that although the amount of material for students to produce in the NEA has been substantially reduced, the course content remains the same.

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Part B

Here students are given a new database filled with tables and data.

Students are **NOT** expected to look at this.

They are **NOT** to change the data model or any validation.

They will be expected to create some simple data entry forms with some calculated fields.

This activity uses a similar database to the one they have been using except:

- The primary keys are autonumbered
- There is a new table called tblStockist

Students are only to use tblAuthor, tblBook and tblStockist. You will notice that tblEdition and tblBookType are missing. This is by design as they are not required for any query and serves to show how the database is different and will be merged at some point.

Forms will work from a single table and students should not be expected to create join queries or subforms. There is simply not enough time.

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Activity 6

This is fairly straightforward. The forms are simple data entry or report forms with calculated fields.

The main question you might get from students is “what’s a stockist? Why do they only have one price”? This is a fair question and does not really reflect a real-world situation.

The idea of the stockist is that it’s a bookseller, who is

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